## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6398116".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/10 23:29
L2	4491	235/492.cds.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/10 23:30
L3	642	(detca\\$5 determin\\$3 sen\\$3 calculat\\$5) near\\$ (position orientation inclinat\\$3 direction inclinat\\$3 plane horizontal orient \\$4) near\\$ (card smartcard tag) same (reader interrogatior interrogation reader) and "235"\\$7.cds.	US PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/10 23:30
L4	62	235/492.cds.and L3	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/10 23:30
L5	33	(detect\$5 determin\$3 sens\$3 calculat\$5) near5 (antenna coil) near5 (position orientation inclinat\$3 direction inclinat\$3 plane horizontal orient \$4) near5 (card smartcard tag) same (reader interrogation reader) and "235"/\$7.cds.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/10 23:31
S94	4	("6098890"   "6398116").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 11:31

S95	21	("4549176"   "4602253"   "4652821"   "4696996"   "4796028"   "4928087"   "5206495"   "5376778"   "548295"   "5376778"   "5442295"   "547323"   "5619683"   "5648761"   "5999409"   "6137447"   "6194993"), PN. OR ("6398116"), URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 11:33
S96	6	("20070040680"   "20070040687"   "6608550").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 11:44
S97	5	((HIROMI) near2 (KAWAMURA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 11:46
S98	3	("20020033757"   "20020105919"   "6923380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 11:50
S99	58	((EIJI) near2 (UEDA)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/02 11:52
S100	6	("20020027832"   "20020195493"   "6946950").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 11:58
S103	523	(detect\$5 determin\$5 judg\$5) near5 (position inclinat\$3 plane horizontal front back side direction) near5 (card antenna coil) same (field near strength EMF electormotive)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 14:51
S104	8	(detect\$5 determin\$5 judg\$5) near\$ (position inclinat\$3 plane horizontal front back side direction) near\$ (card antenna coil) same (field near strength BMF electormotive) and "235".clas.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 14:51

S106	523	(detect\$5 determin\$5 judg\$5) near5 (position inclinat\$3 plane horizontal front back side direction) near5 (card antenna coil) same (field near strength EMF electormotive) "340""235" clas.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 14:52
S108	45	(detect\$5 determin\$5 judg\$5) near\$ (position inclinat\$3 plane horizontal front back side direction) near\$ (card antenna coil) same (field near strength EMF electormotive) and "340"\\$7.cots.	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 14:52
S109	1	(detect\$5 determin\$5 judg\$5) near5 (position orientation) near5 (front back side direction inclinat\$3 plane horizontal) near5 (card smart near card) and (field near strength EMF electormotive) near5 (antenna coil)	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:06
S110	10	(position orientation) near5 (front back side direction inclinats3 plane horizontal) near5 (card smart near card ) and (field near strength EMF electormotive ) near5 (antenna coil)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:07
S111	2	(detect\$5 determin\$3) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal) near5 (antenna coil) same (card smart near card) and (field near strength EMF electormotive) near5 (antenna coil)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:13

S112	112	(detect\$5 determin\$3) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal) near5 (antenna coil) and (card smart near card ) and (field near strength EMF electormotive ) near5 (antenna coil)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:14
S113	2183	(detect\$5 determin\$3 sens\$5 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontalorient \$4) near5 (antenna coil) and (card smart near card )	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:18
S114	2232	(detect\$5 determin\$3 sens35 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal orient \$4) near5 (antenna coil) and (card smart near card )	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:19
S115	1251	(detect\$5 determin\$3 sens\$5 calcula(\$5) near\$ (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal orient \$4) near\$ (antenna coil) and (card smart near card tag) same (treader interrogation reader)	US-PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:19

S116	250	(detect\$\$ determin\$3 sens35 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal orient \$4) near5 (antenna coil) same (card smart near card tag) same (reader interrogator interrogator	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:20
S117	47	(detect\$5 determin\$3 sen\$5 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal orient \$4) near5 (antenna coil) same (card smart near card tag) same (reader interrogation reader) and "235"/\$7.cois.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:22
S118	2	"6608550".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:44
S119	400	(sav\$3 stor\$3) near5 (position orientation inclinat\$3 direction inclinat\$3) near5 (card smart near card tag) same (reader interrogator interrogation reader)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 15:48
S120	73	(sav\$3 stor\$3 updat\$3) near5 (position orientation inclinat\$3 direction inclinat\$3 ) near5 (history memory) near5 (card smart near card tag) same (reader interrogator interrogation reader)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:12

S121	1	(sav\$3 stor\$3 updat\$3) near5 (position orientation inclinat\$3 direction inclinat\$3) near5 (antenna coil) near5 (history memory) near5 (card smart near card tag) same (reader interrogator interrogator interrogator	US-PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:23
S123	2	(position orientation inclinats3 direction inclinats3) near5 (antenna coil) near5 (history memory) near15 (card smart near card tag)same (reader interrogation reader)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:25
S124	228	(position orientation inclinat\$3 direction) near5 (card smart near card tag) near5 (history memory) same (reader interrogator interrogation reader)	US-PCIPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:26
S125	221	S124 not S116	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:26
S126	81	S125 and (wireless contactless)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:31
S128	643	(card smartcard tag) near5 (detect\$5 determin\$3 sens35 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horizontal orient\$4) same (reader interrogation reader) and "235"/\$7.cds.	US-POPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:56

S129	836	(card smartcard tag) near5 (detect\$5 determin\$3 sens\$3 calculat\$5 near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 plane horiontal orient\$4) same (reader interrogator interrogator and "235"/\$7.cds.	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:57
S130	612	(card smartcard tag) near5 (detect\$5 determin\$3 sens\$3 calculat\$5) near5 (position orientation inclinat\$3 direction inclinat\$3 plane horizontal orient\$4) same (reader interrogator interrogation reader) and "235"/\$7.cds.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:57
S131	642	(detect\$5 determin\$3 sen\$\$2 calculat\$5) near5 (position orientation inclinat\$3 direction inclinat\$3 plane horizontal orient \$4) near5 (card smartcard tag) same (reader interrogation reader) and "235"\\$7.ods.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 16:58
S132	279	S131 and (updat\$5 stor \$3 sav\$5) near5 (history memory)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 17:00
S133	110	\$131 and (updat\$5 stor \$3 sav\$5) near5 (history memory) and (wireless contactless noncontact)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/02 17:07
S134	2	"6398116".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 14:23

S135	21	("4549176"   "4602253"   "4652821"   "4698996"   "4796028"   "4928087"   "5208495"   "5376778"   "5442295"   "547323"   "5619683"   "5648761"   "5999409"   "6137447"   "6194993"), PN. OR ("6398116"), UPFN.	US PGPUB; USPAT; USOCR	OR	OFF	2010/02/03 15:08
S136	295	(detect\$5 determin\$3 sen\$\$5 calculat\$5) near5 (position orientation inclinat\$3 plane front back side direction inclinat\$3 rear clos\$3 ) near5 (antenna coil) same (card smart near card tag) same (reader interrogator interrogator reader)	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 16:07
S137	242	(detect\$5 determin\$3 sens\$5 calculat\$5) near5 (position orientation inclinat\$3 plane direction inclinat\$3 tar near clos\$3 ) near5 (antenna coil) same (card smart near card tag) same (reader interrogator interrogator interded)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 16:08
S138	58	S137 and "235"/\$7. ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 16:14
S139	37	S138 and (wireless contactless noncontact)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 16:27
S140	2	"20080251586"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/03 21:22

S141	407	(detect\$5 determin\$3 sens\$5 calculat\$5 obtain\$3) near5 (position distance range direction inclinat \$3) near5 (antenna coil) same (card smart near card tag smartcard) same (reader interrogator interrogator interrogator interrogator reader)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OS	2010/02/04 00:51
S142	19	S141 and compar\$5 near5 (memory storage history)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 00:56
S143	5	("20030104833"   "20030177408"   "6973472").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 10:06
S146	2537	343/895.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 15:15
S147	332	343/895.ccls. and (card smartcard smart\$1card tag)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 15:17
S148	93	343/895.ccls. and (card smartcard smart\$1card tag) and (multiple plural \$3) near (antenna)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 15:17
S149	31	343/895.cds. and (detect\$5 determin\$3 sen\$5 calculat\$5 obtain\$3) near5 (position distance range direction inclinat \$3) near5 (antenna coil) and (card smartcard smartsard tag) and (multiple plurat\$3)	US PCPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 15:36
S150	37	343/895.ccls. and (detect\$5 determin\$3 sens\$5 calculat\$5 obtain\$3) near5 (position distance range direction inclinat \$3) near5 (antenna coil) and (card smartard smart\$1 card tag)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/02/04 15:37

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